

FIG. 1

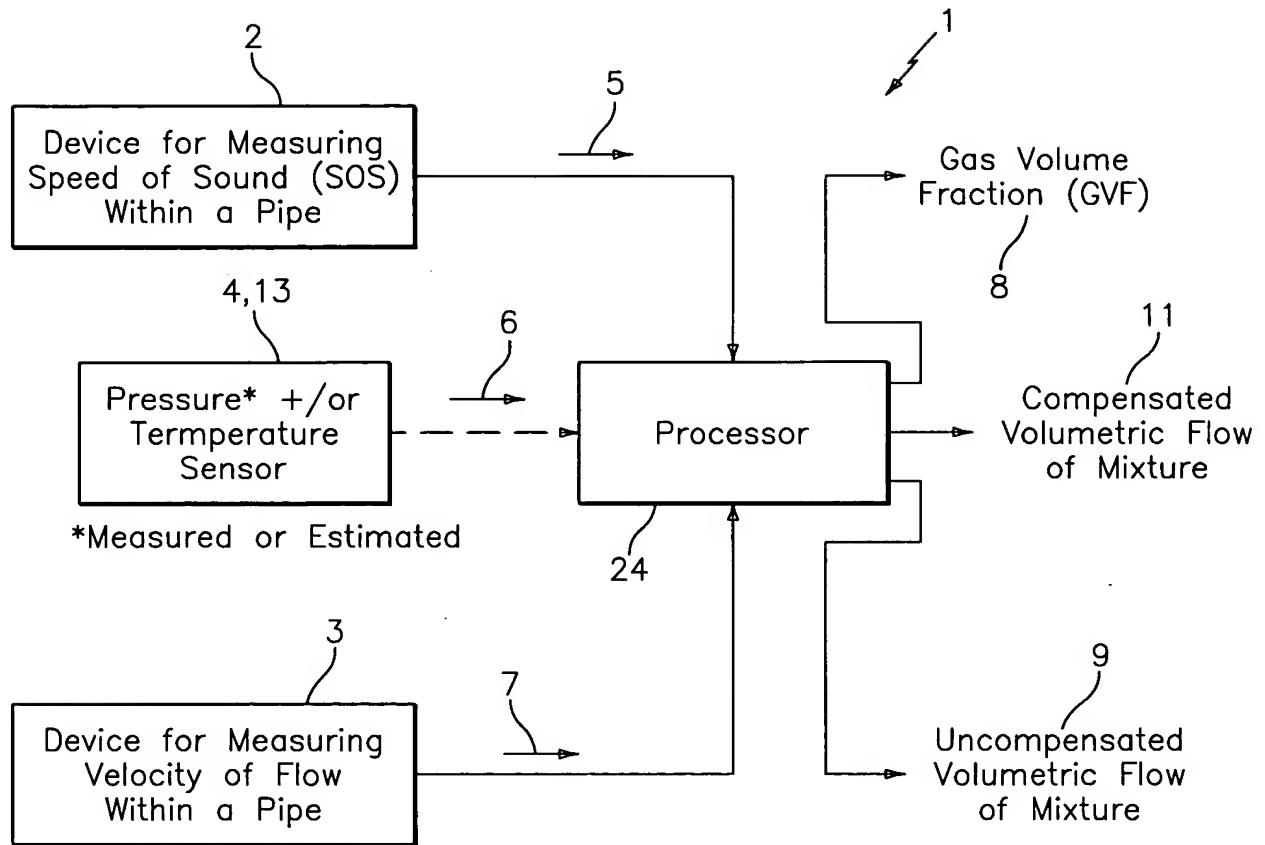


FIG. 2

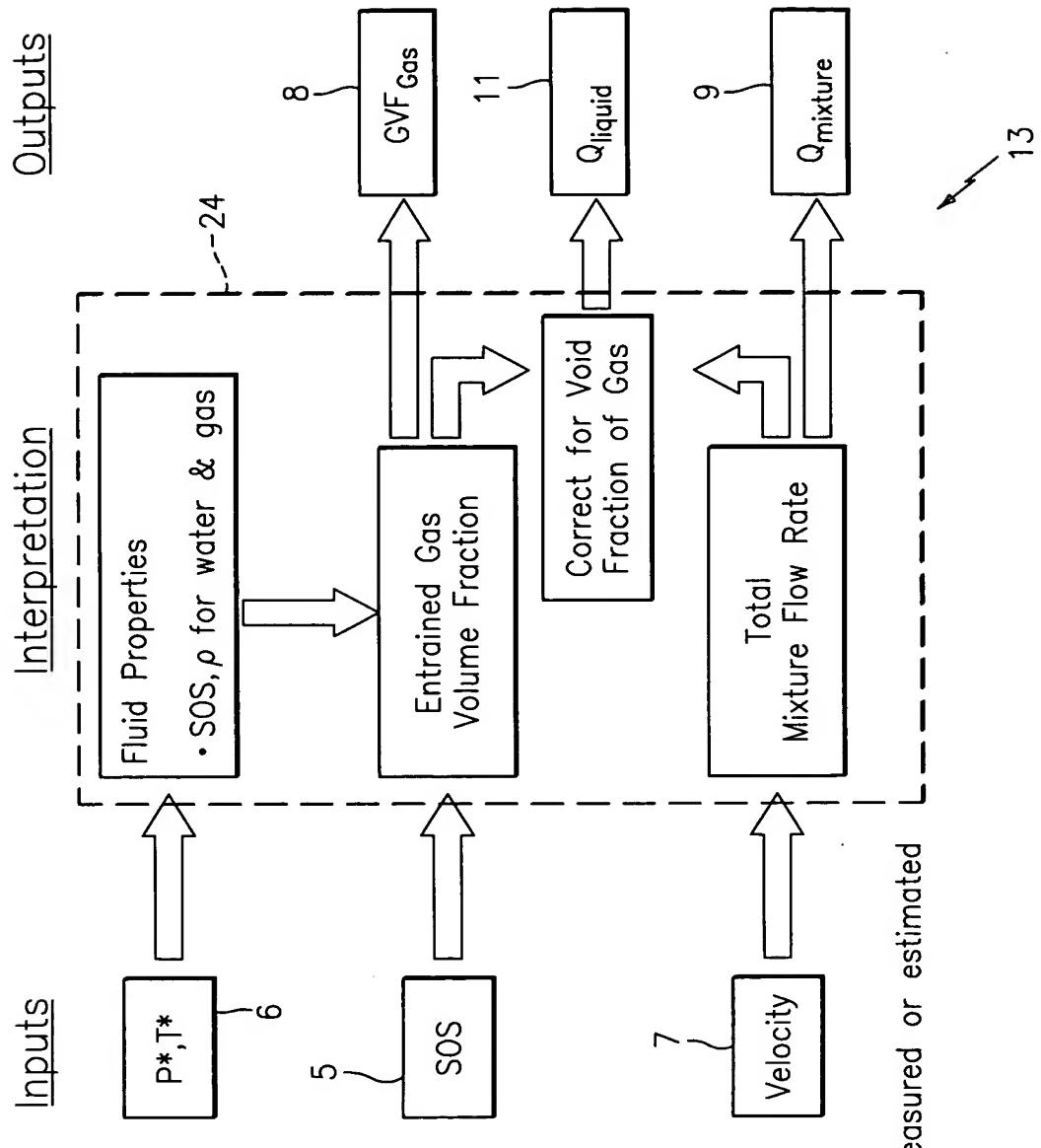


FIG. 3

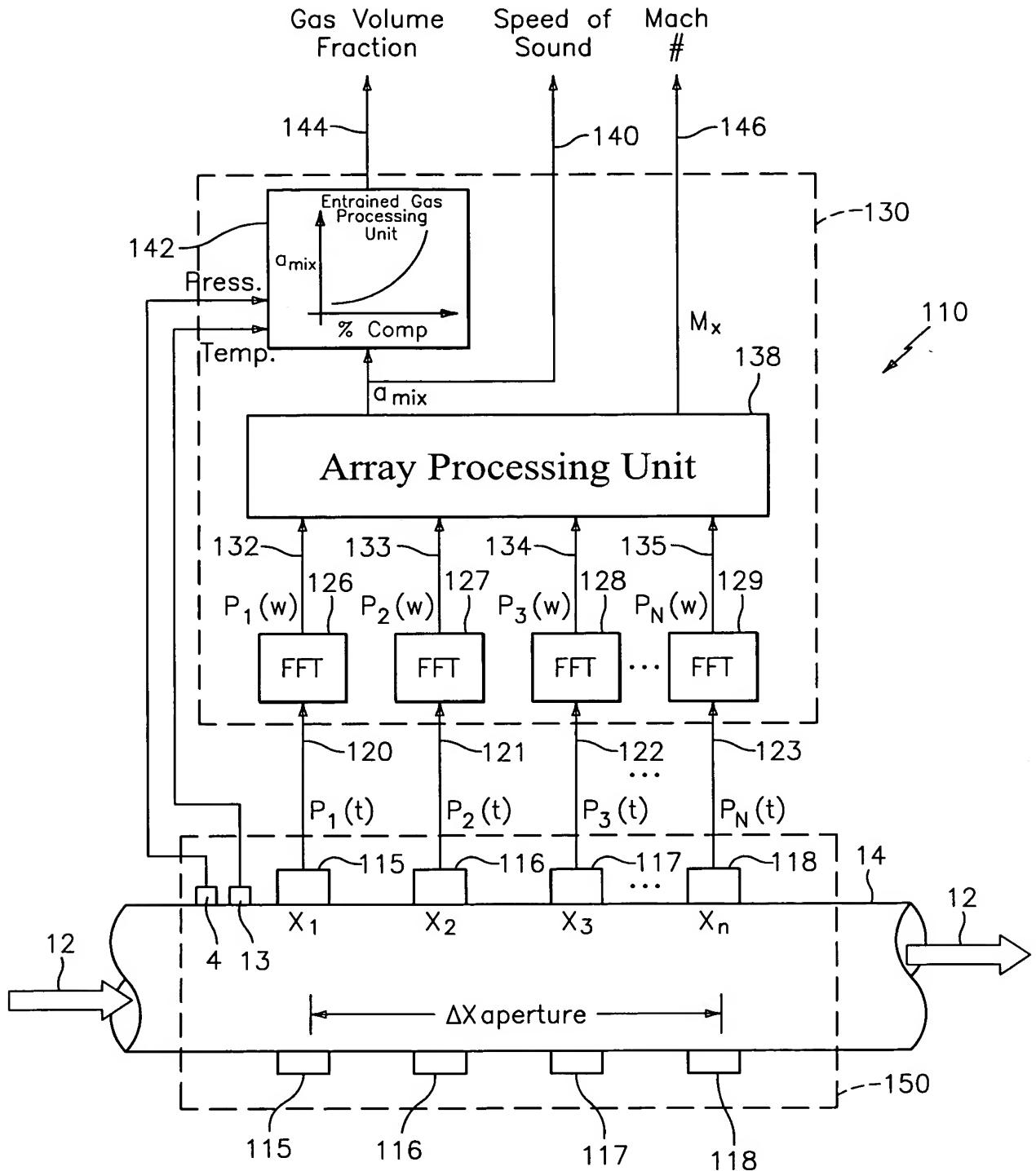
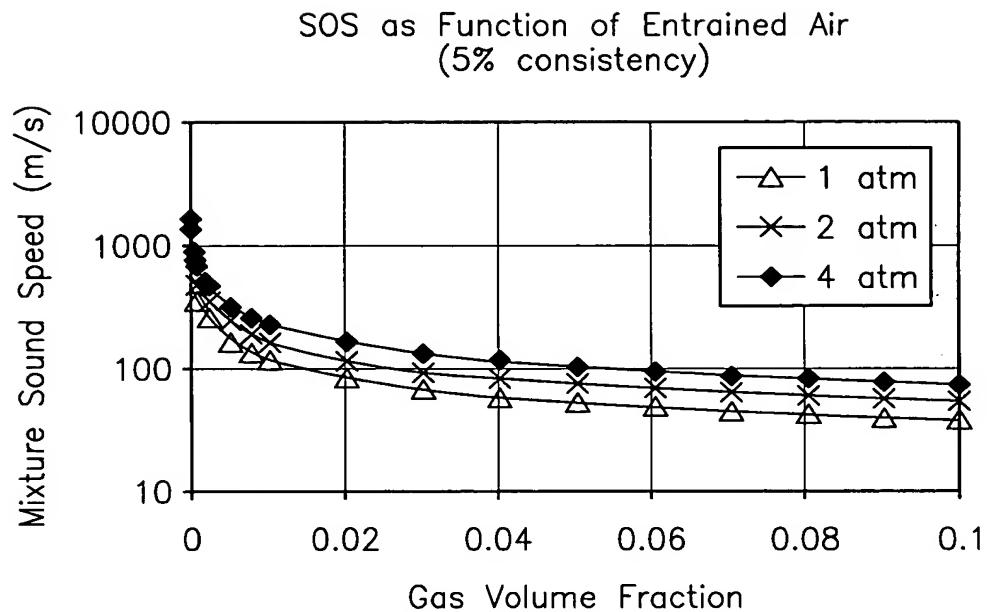
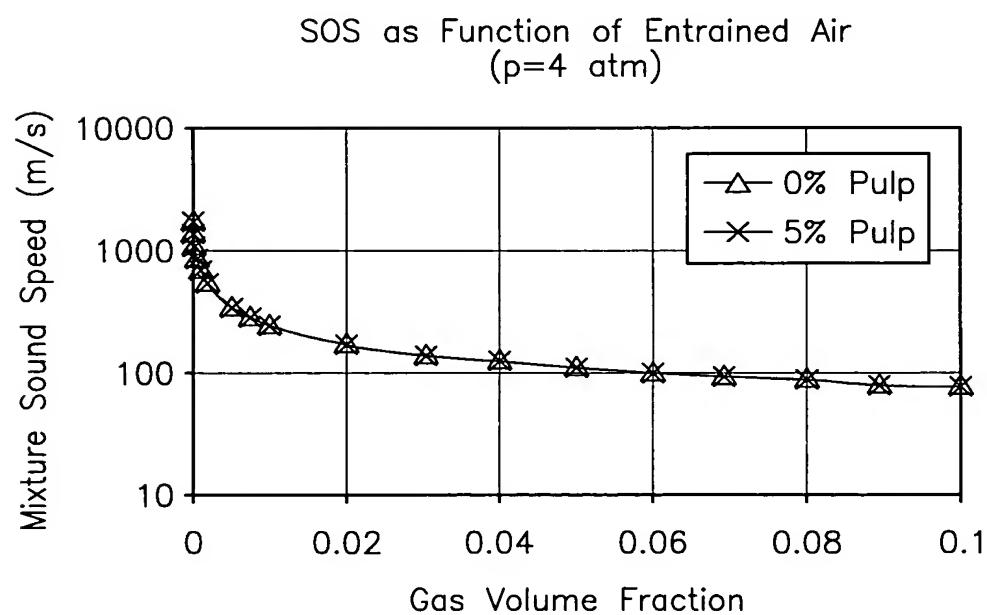


FIG. 4

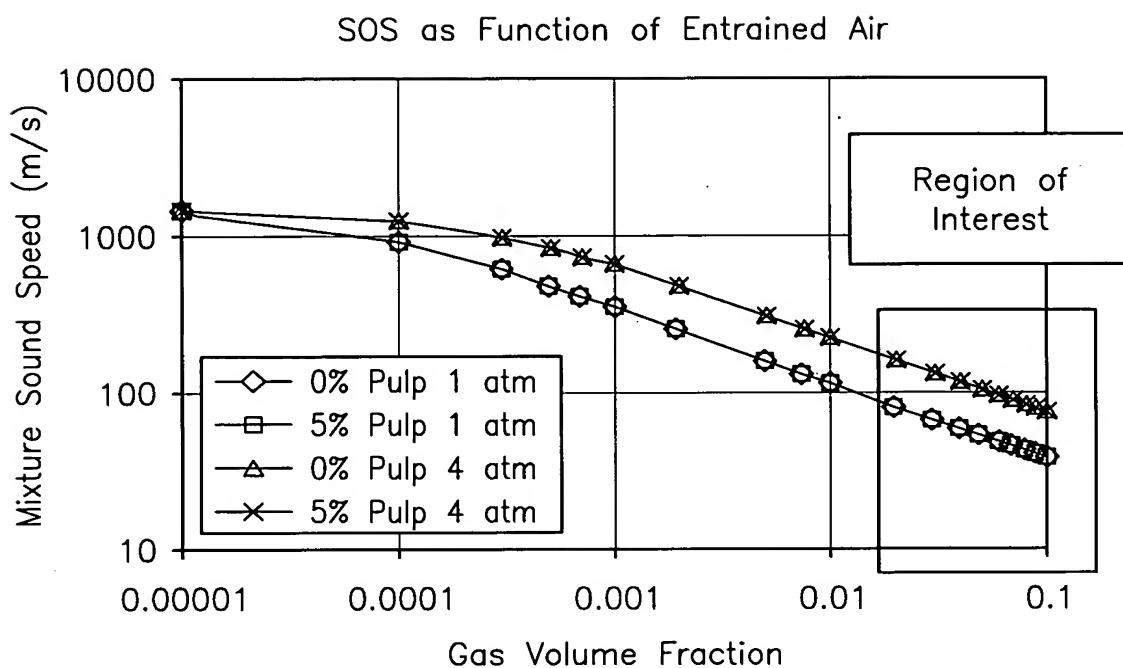
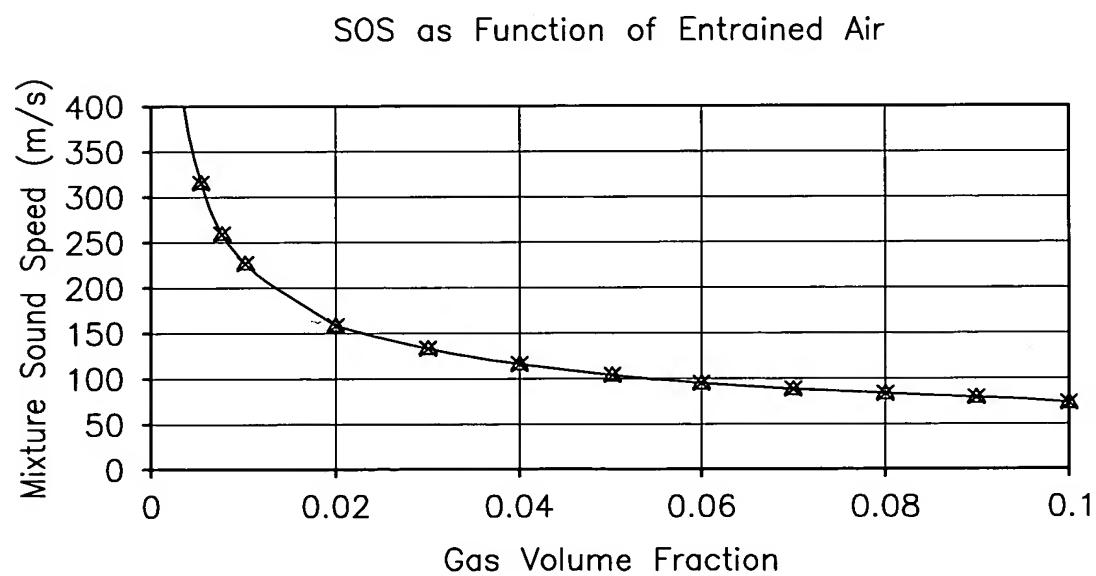
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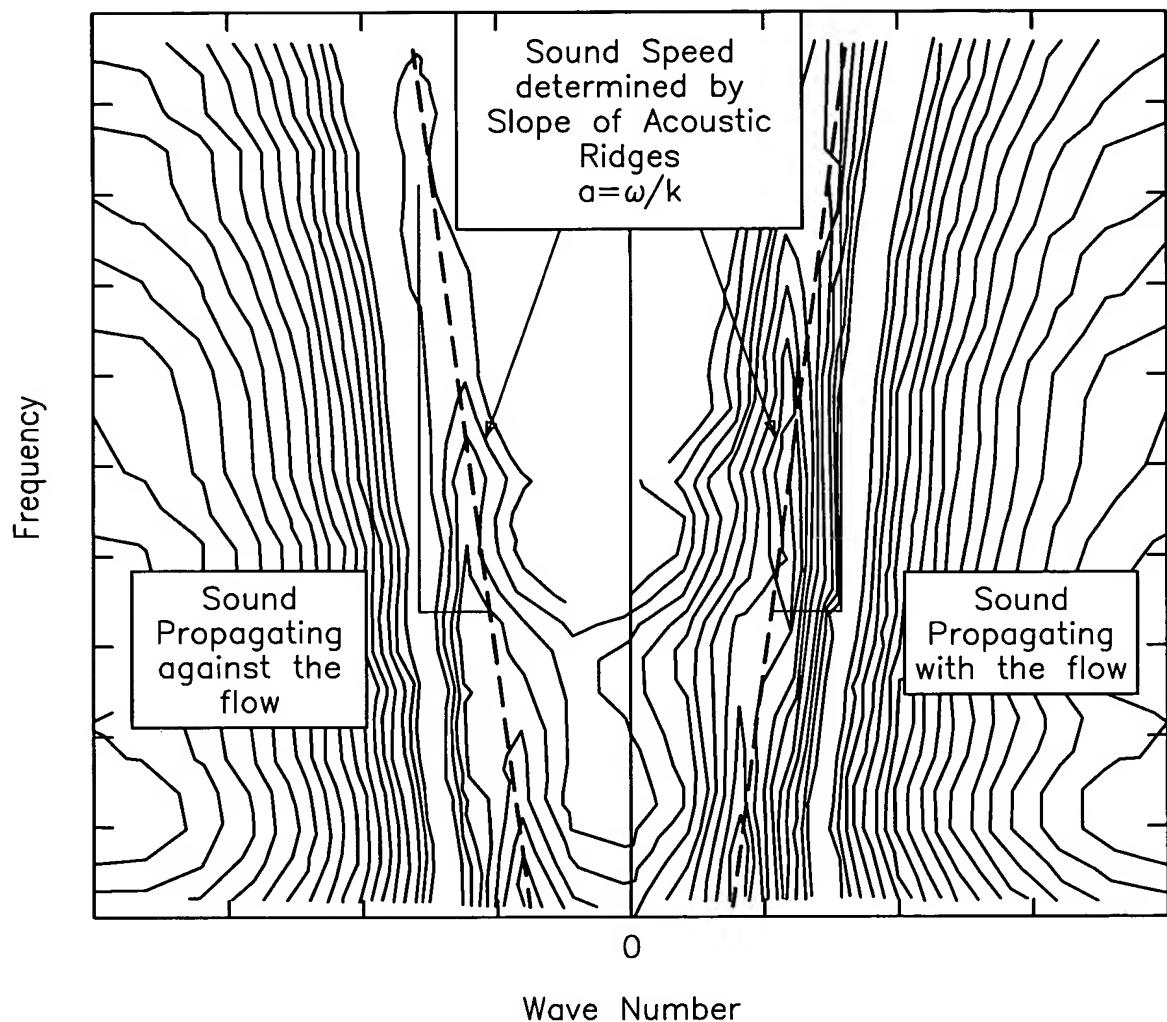
**FIG. 5**



**FIG. 6**

*FIG. 7**FIG. 8*

K- $\omega$  plot showing Acoustic Ridges  
(in water with entrained air)



*FIG. 9*

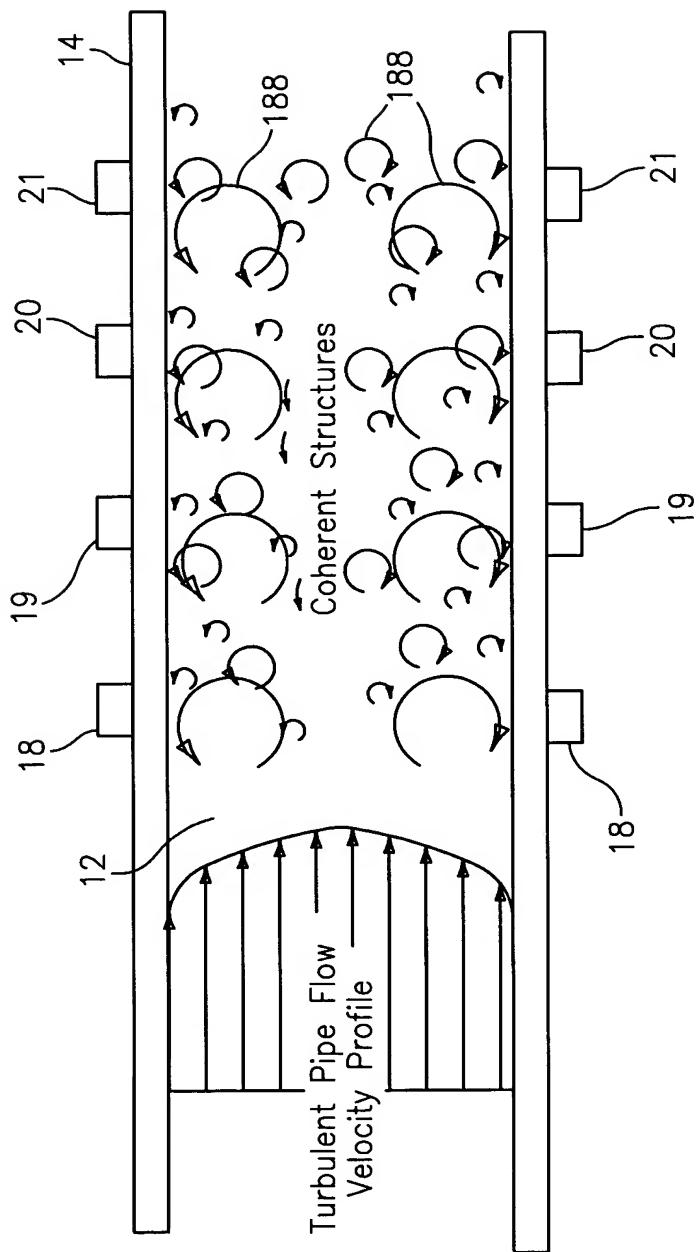


FIG. 10

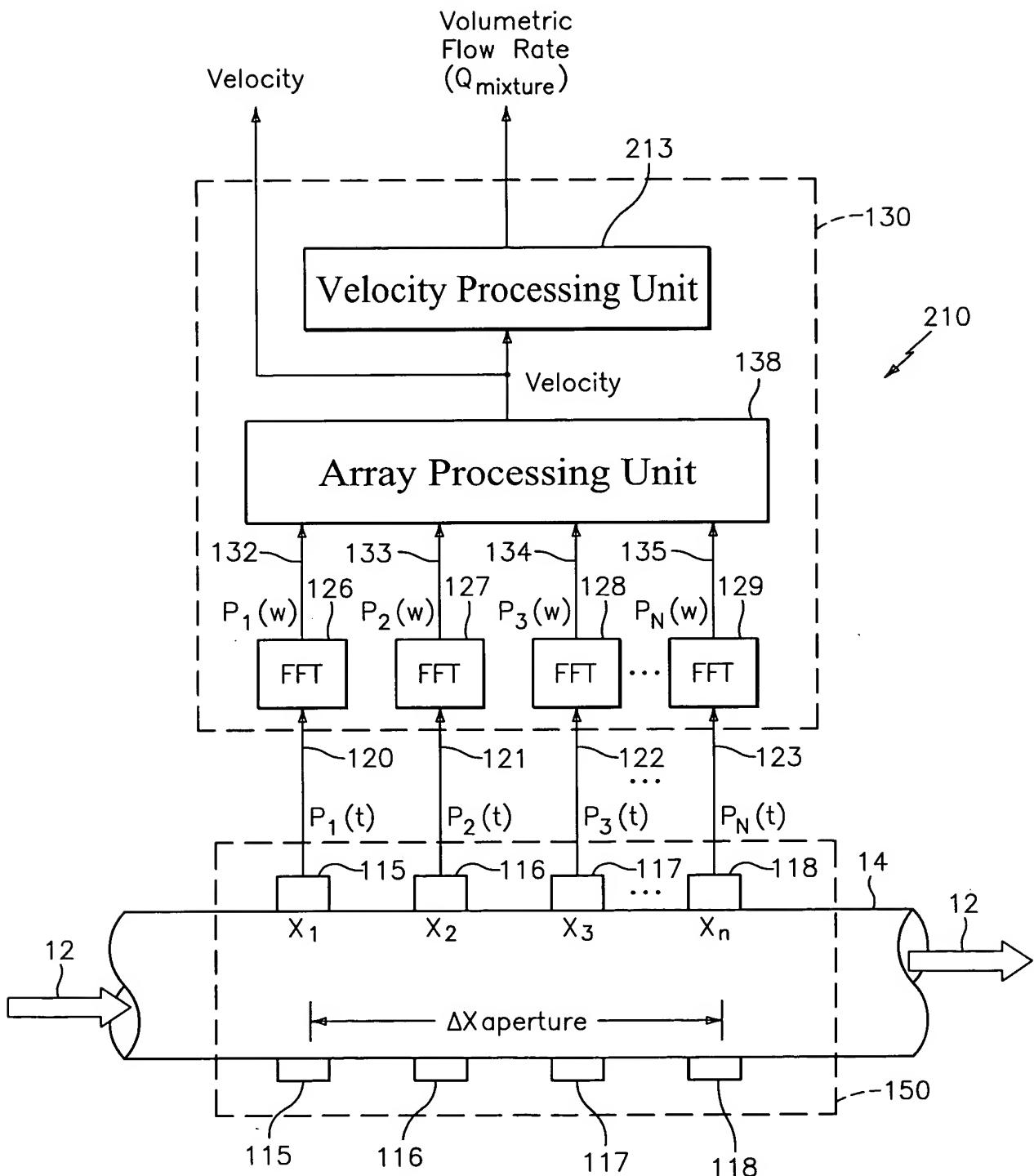


FIG. 11

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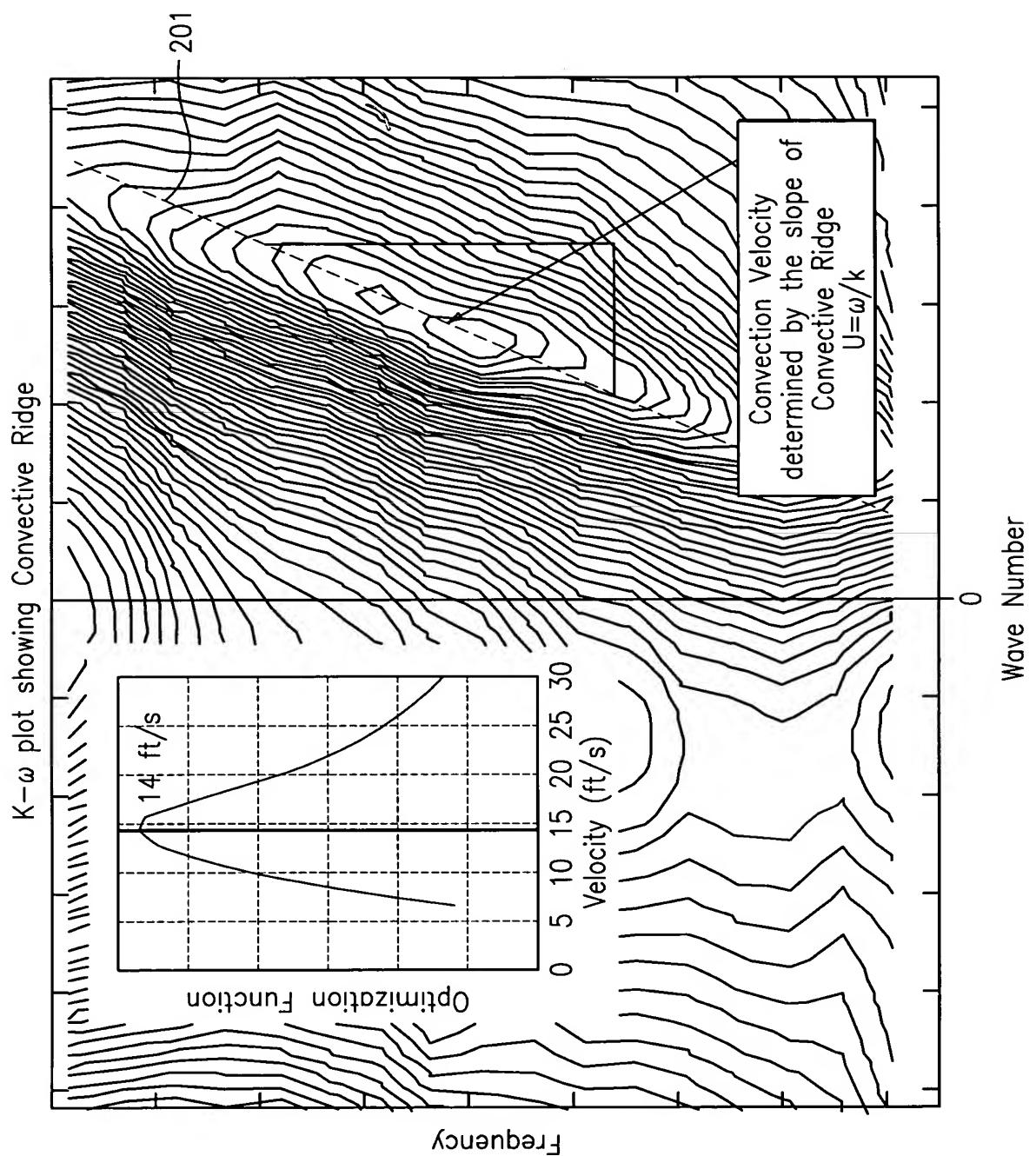


FIG. 12

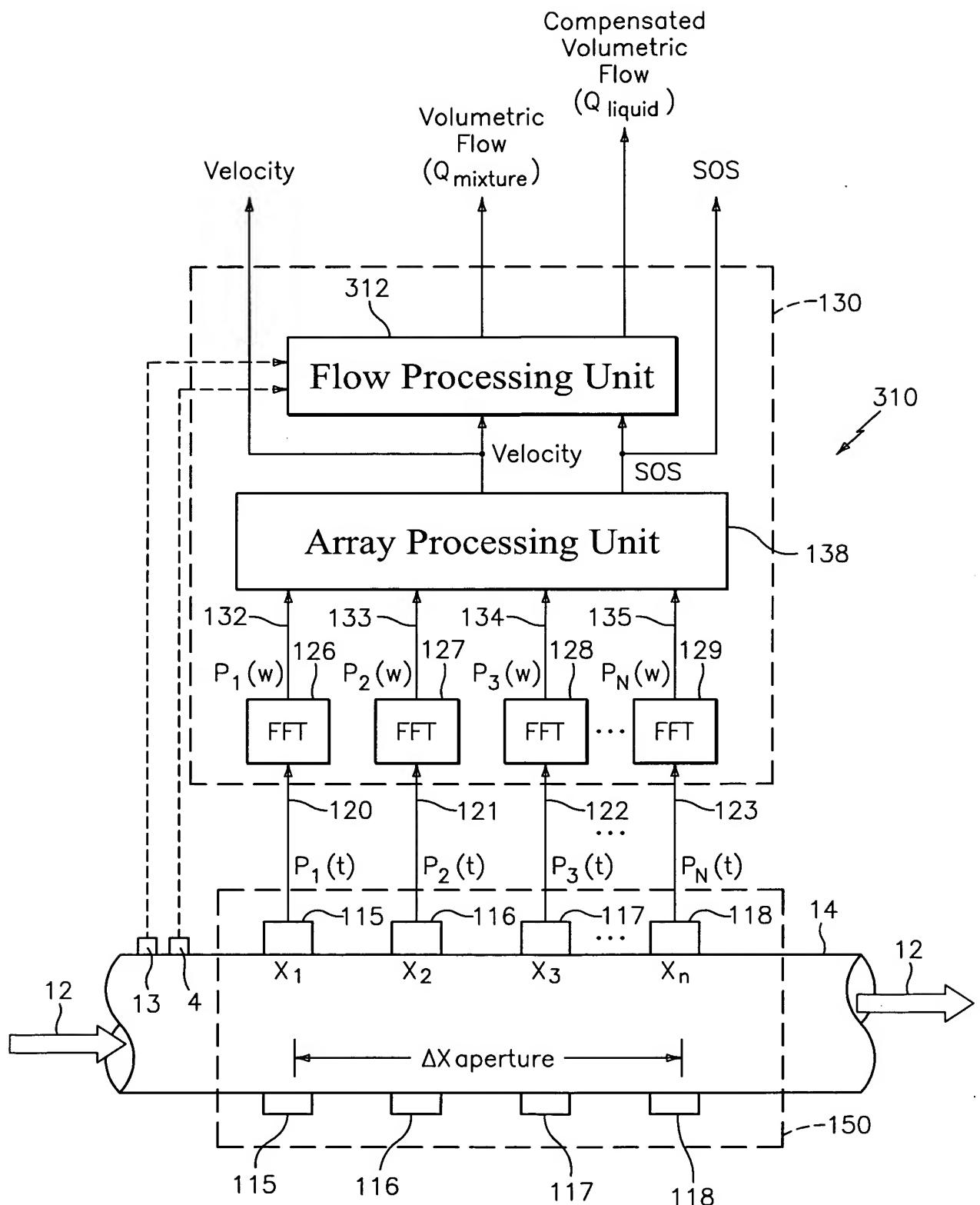


FIG. 13

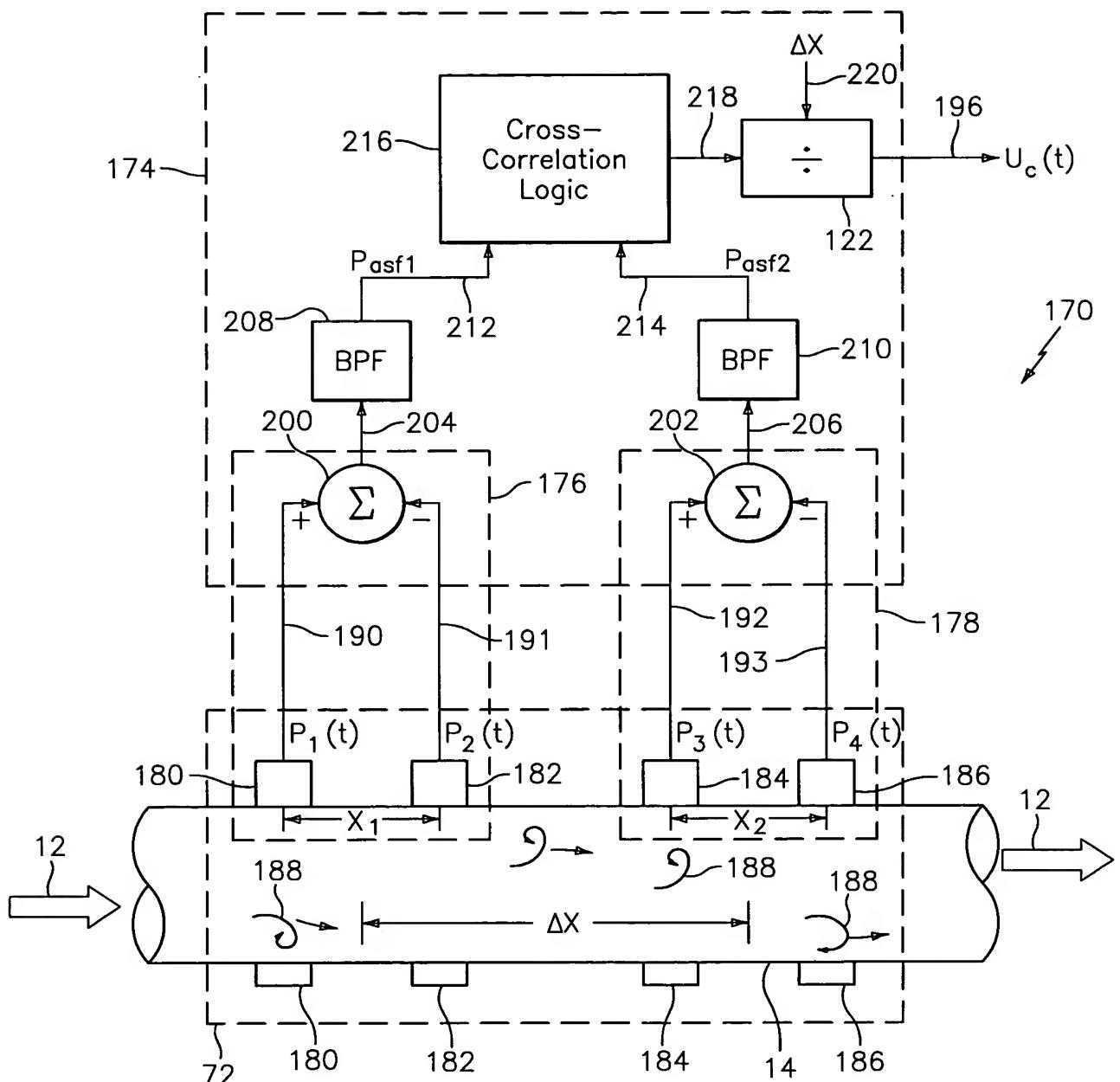


FIG. 14

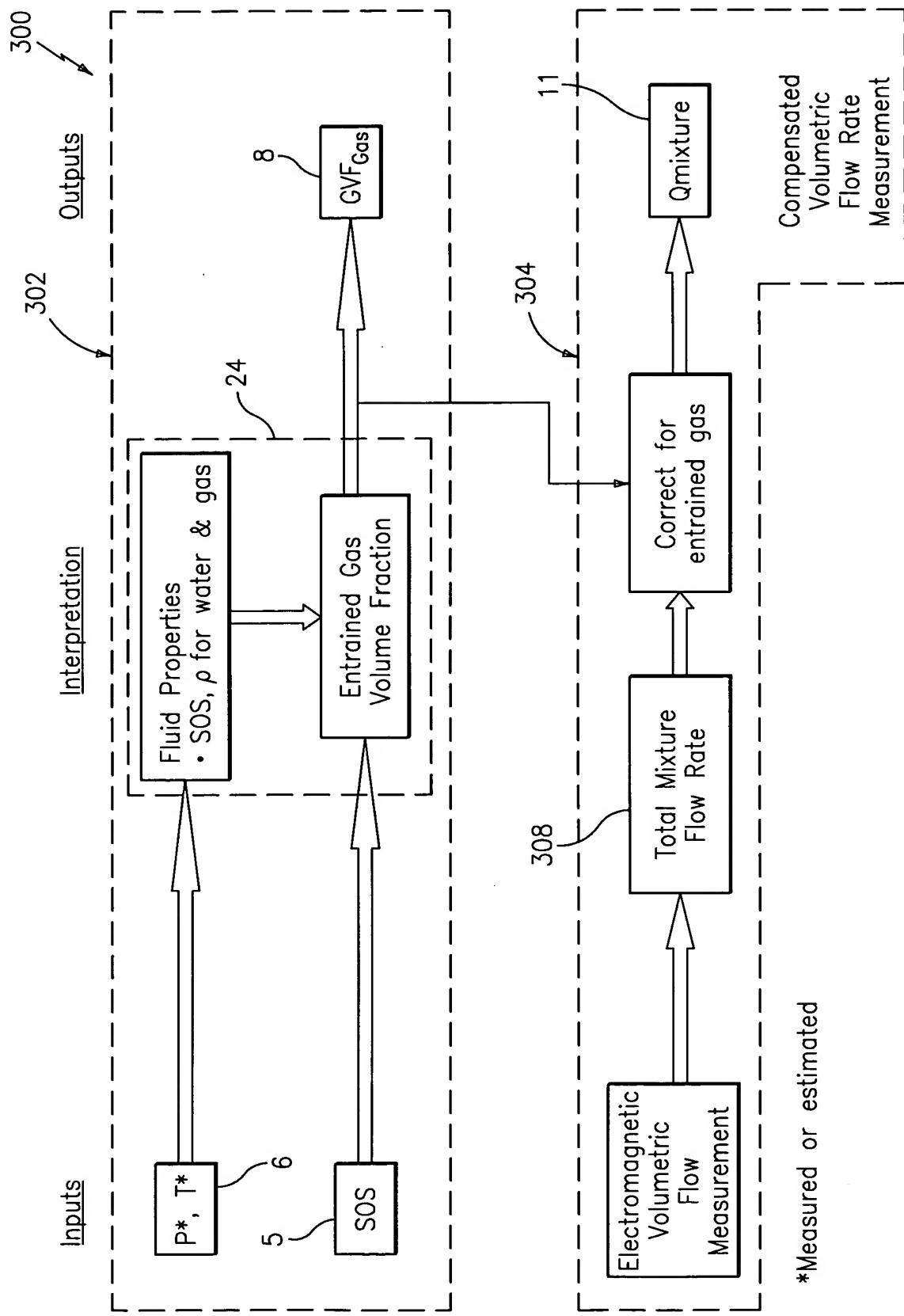


FIG. 15

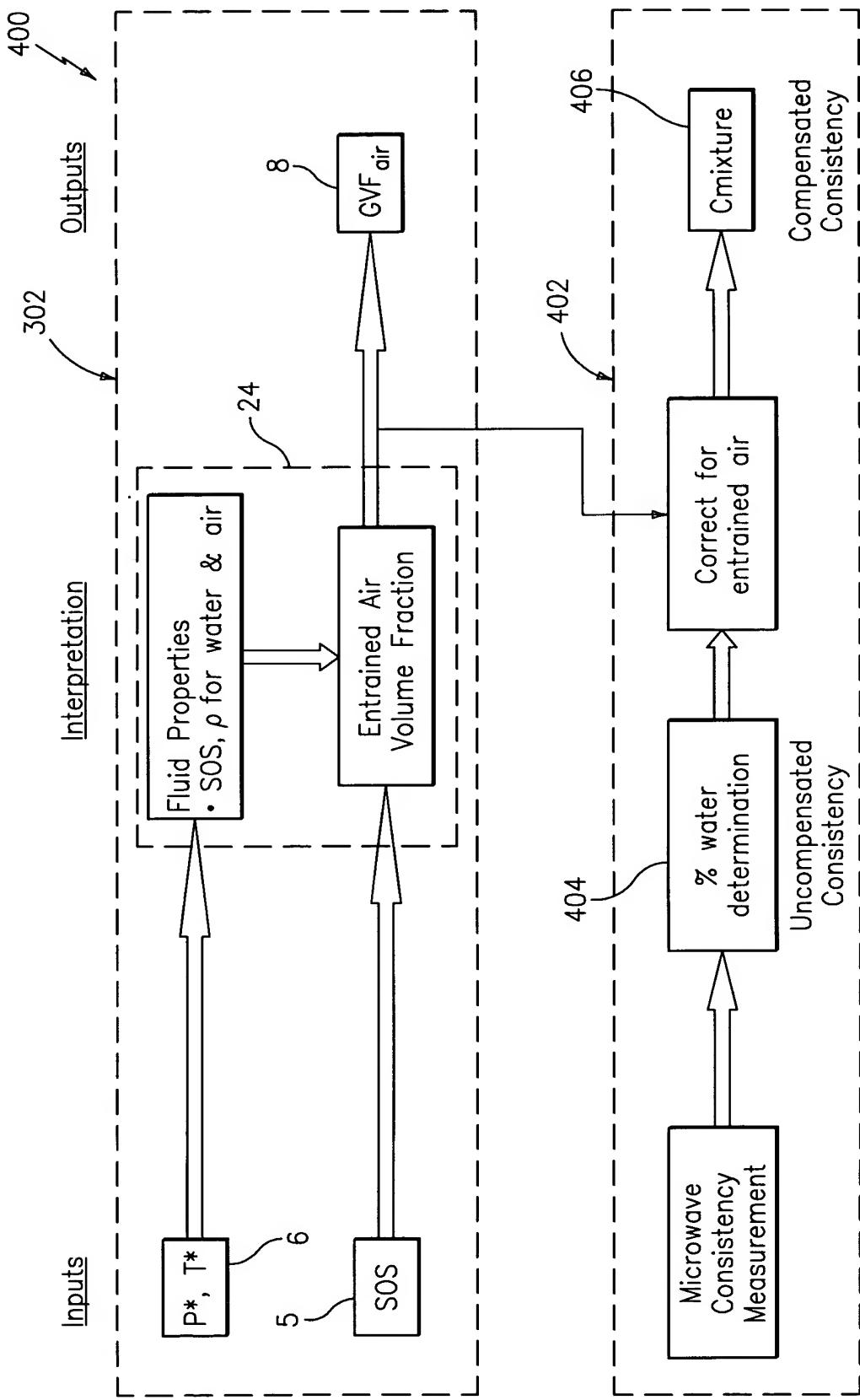


FIG. 16

\*Measured or estimated

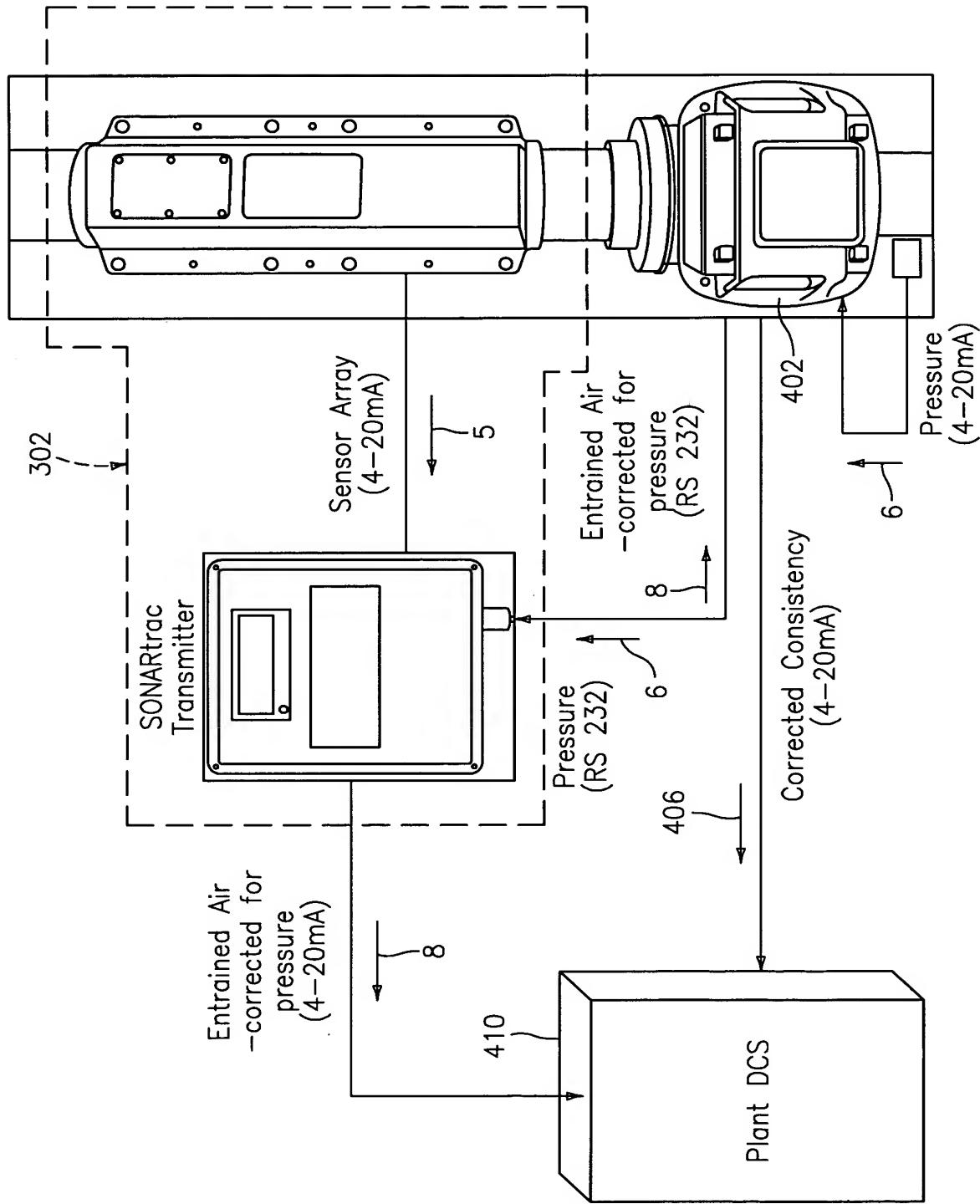


FIG. 17

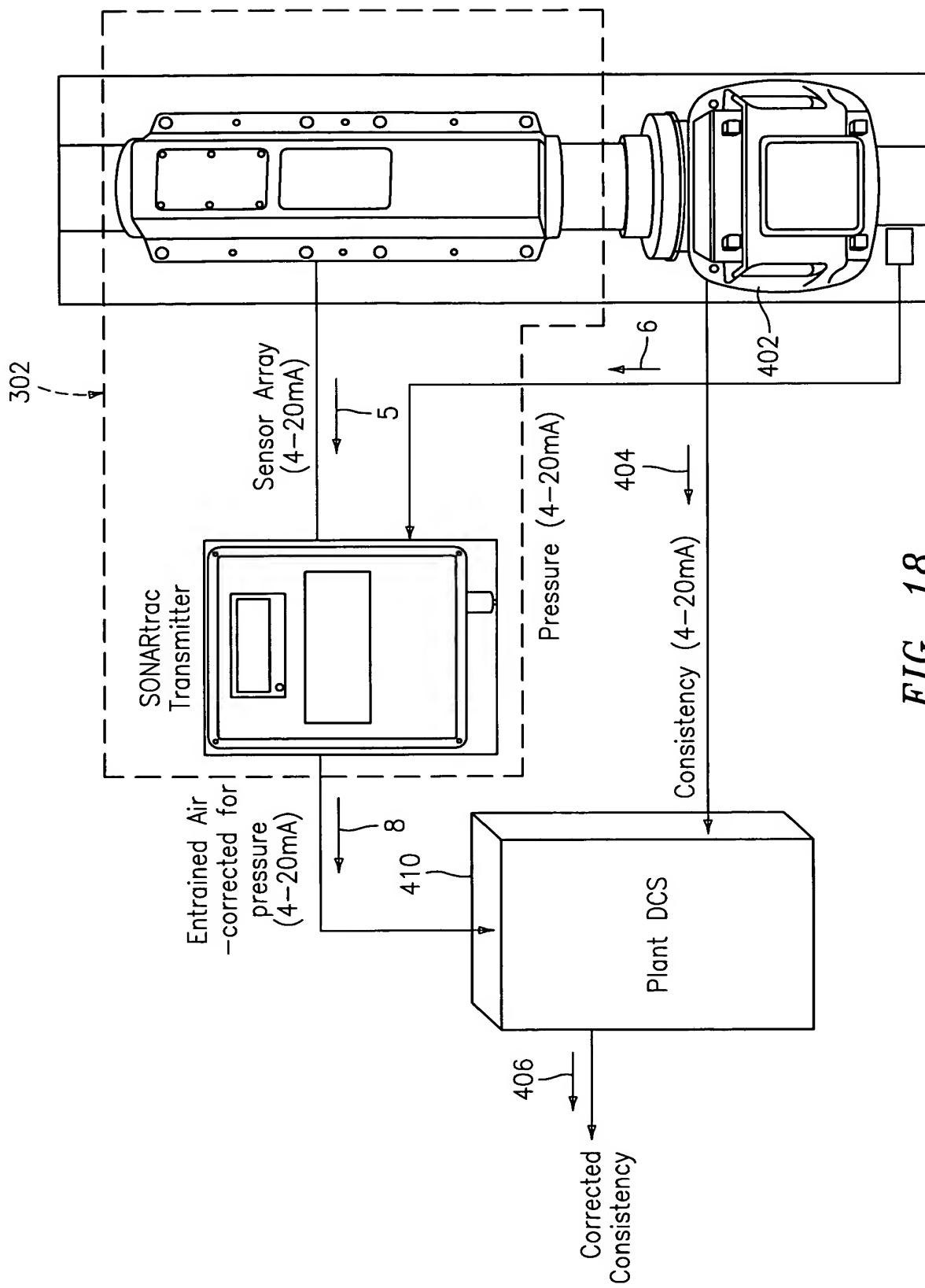


FIG. 18

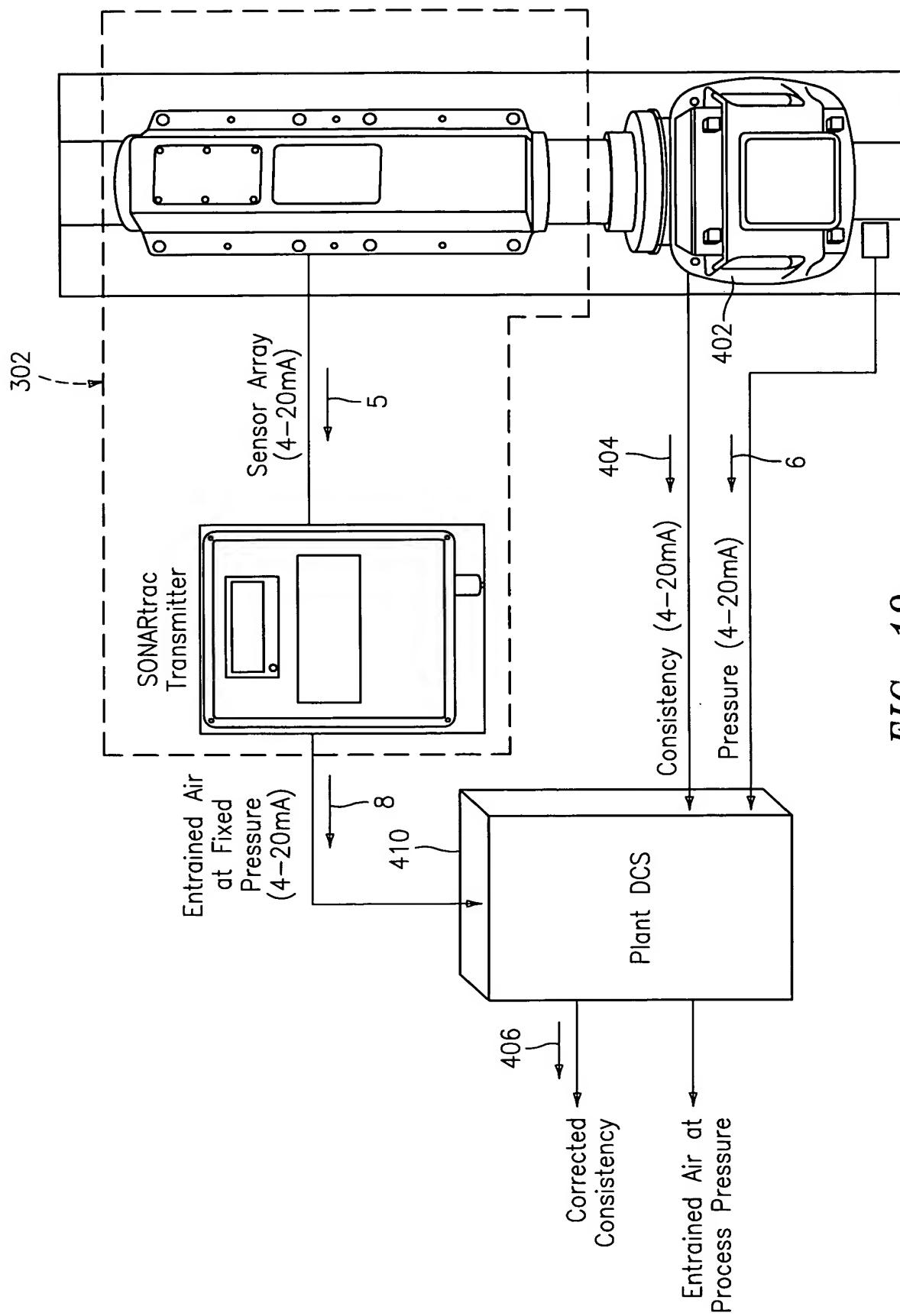


FIG. 19

Microwave Consistency Corrected by SONARtrac Entrained Air Measurement

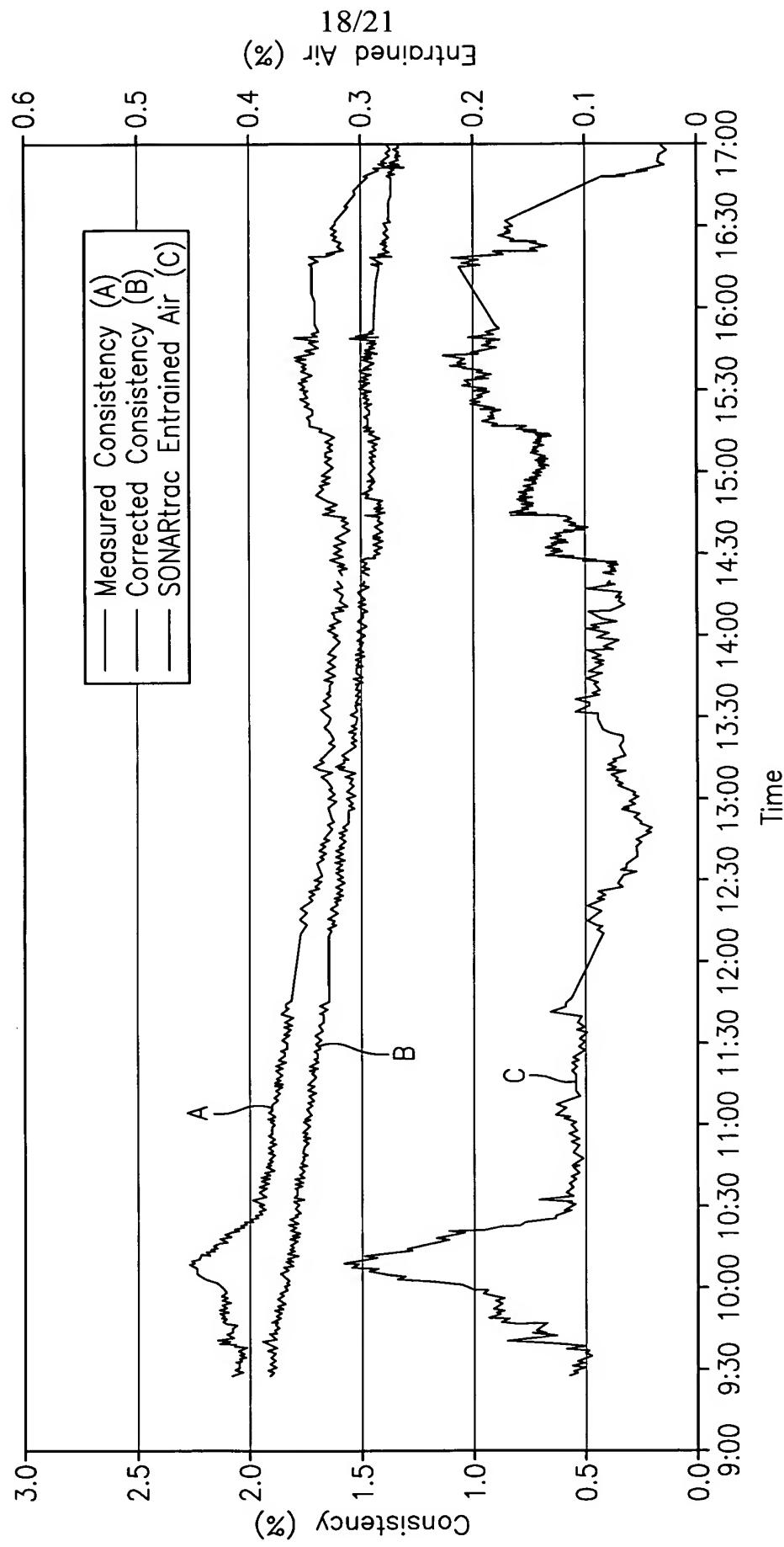


FIG. 20

Macro Bubble Testing Shows Ability to Correct Microwave Consistency Analyzer

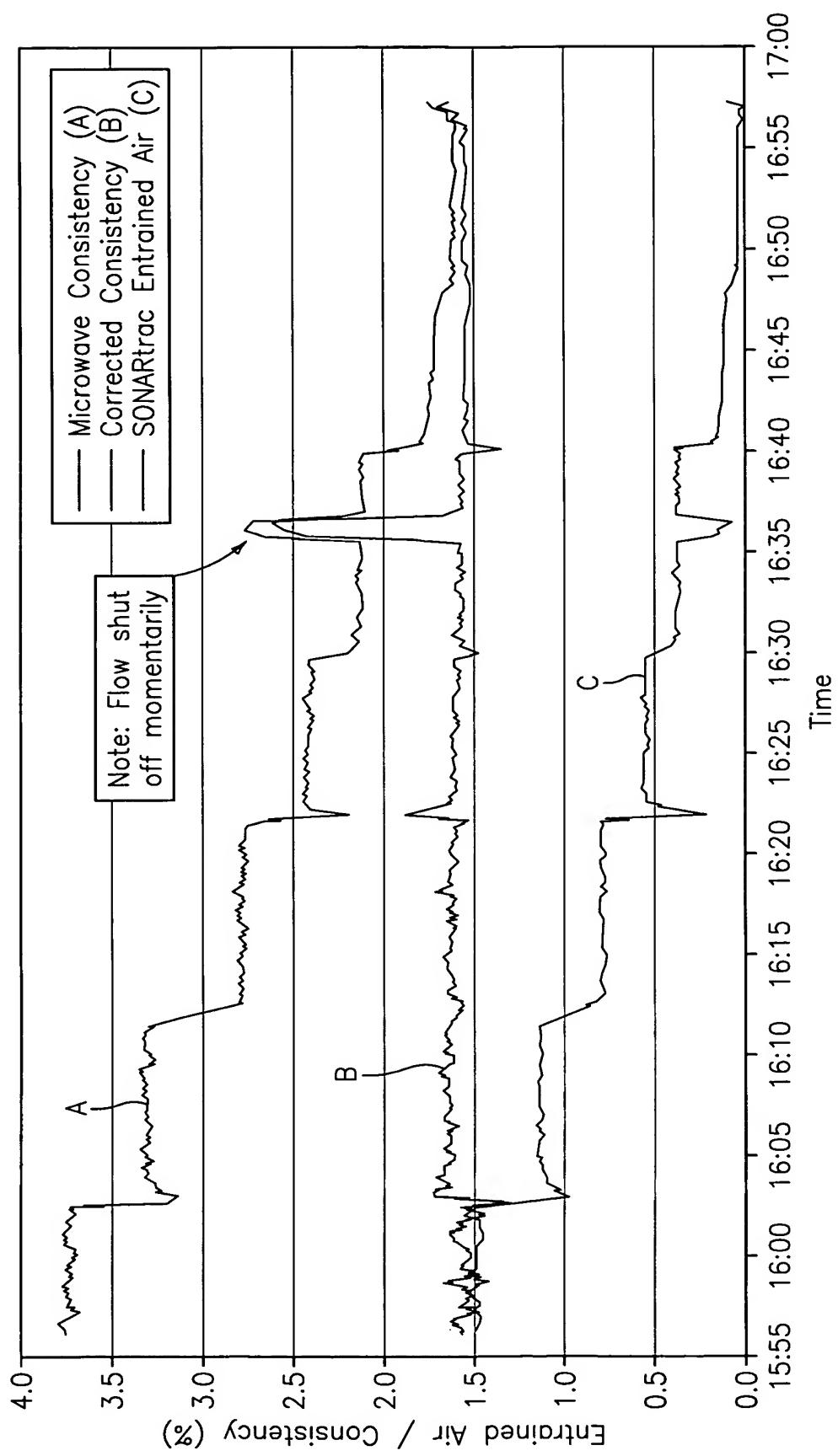


FIG. 21

Microwave Consistency Corrected by SONARtrac Entrained Air Measurement  
 "Micro" Air Flow Test

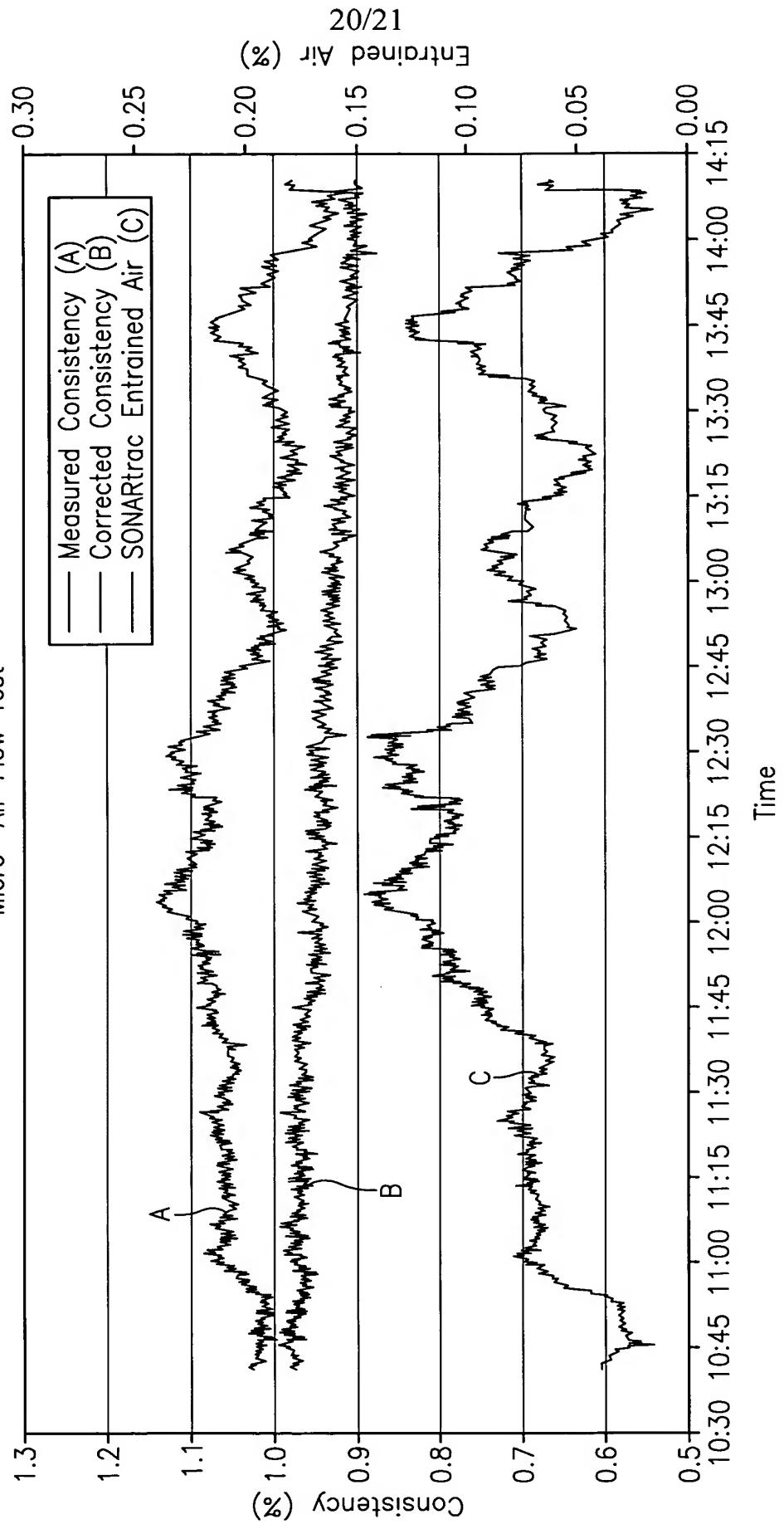


FIG. 22

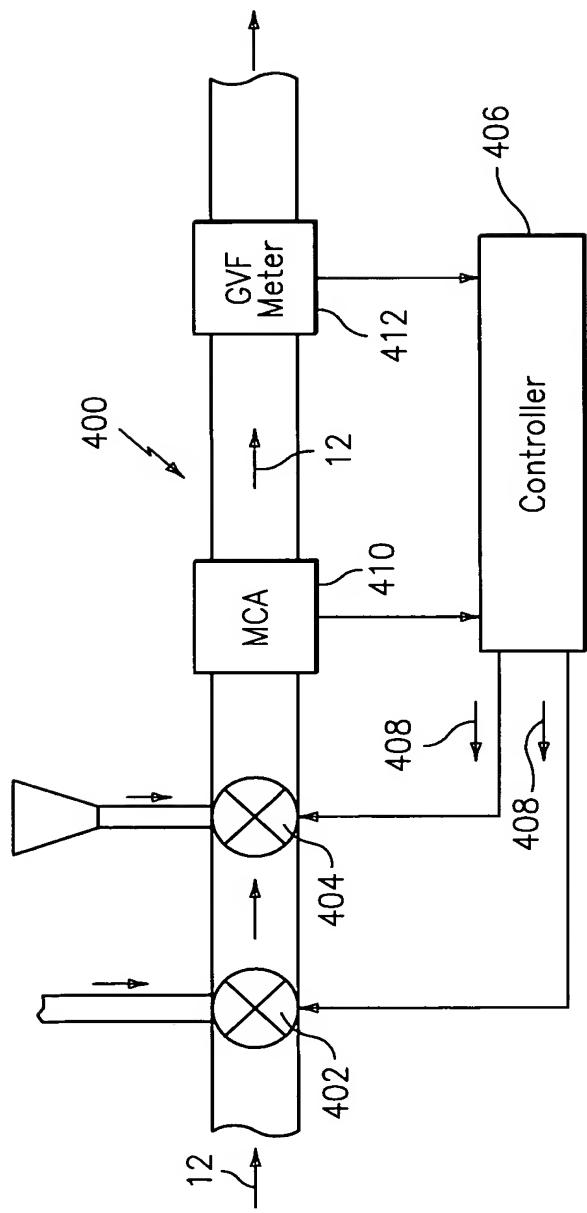


FIG. 23

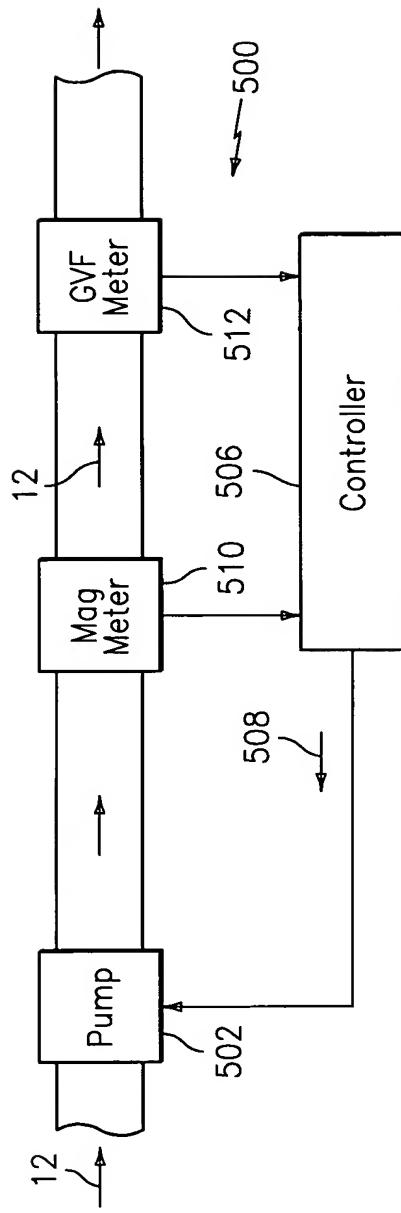


FIG. 24